

DT-6055

PCT/EP00/05877

INTERNATIONAL PRELIMINARY EXAMINATION REPORT**I. Basis of the Report**

This report has been drawn on the basis of (substitute sheets which have been furnished to the receiving Office in response to invitation under Article 14 are referred in this report as “originally filed” and are not annexed to the report since they do not contain amendments):

Description, pages

1-6 as originally filed

Claims, Nos.

1-5 as originally filed

Drawings, Sheet

1/1 as originally filed

V. Reasoned Statement under Article 35(2) with Regard to Novelty, Inventive Step and Industrial Applicability; citations and explanation supporting such statement.

1. Statement

Novelty	Claims 1-5	Yes
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Inventive Step	Claims 1-5	Yes
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Industrial Applicability	Claims 1-5	Yes
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2. Citation and Explanations

See attachment

VII. Certain Defects in the International Application

The following defects in the form or content of the International Application have been noted.

See attachment.

ATTACHMENT**§5****Regarding the independent Claim 1:**

N: None of the references cited in the search report discloses the features recited in the characterized clause of Claim 1

ET: The characterizing features of Claim 1 permit to provide a constructively simple laboratory centrifuge with a speed-controlled centrifuge motor and cooling unit. These features are not obvious in view of the cited state of the art.

In EP-A-0 833138 (Fig. 3) the control unit 34 serves for controlling the rotational speed of the rotor (Claim 1). The cooling of the rotor is affected by an integral or linear controller (42) which is connected with the control unit (Column 5, lines 19-24).

In GB-A-2150 717, the temperature is controlled in particular by a solenoid valve and a pulse-width modulator (Claim 1, page 3, lines 58-65). The described control system (Fig. 2) influences only the solenoid valve (6). The rotational speed of the rotor can be limited by a separate limiter circuit (page 2, lines 120-125).

In DE 37 37 627A, the rotor is connected with an induction motor, with the rotational speed of the induction motor being controlled by a frequency converter and a control unit (page 4, lines 9-26). The temperature is not adjusted (Claim 1).

Regarding the dependent Claims 2-5:

The dependent claims relate to advantageous embodiments of the subject matter of Claim 1 and thus meet the requirements of Article 33(s), (3) and (4) PCT.

GA: Industrial Applicability if obvious

§7

The references EP-A-0833,138, GB-A 2150 717 and DE 37 14 627A should be discussed in the description.

In Claim 1 a spelling error (line 1, a centrifuge rotor should be substituted for centrifuge motor (Rule 91(a) PCT).

I, Alexander Zinchuk, residing at 340 East 74th Street,
New York, New York 10021 declare that:

I am proficient in the English and German languages.

I have carefully made the attached translation from the
International Preliminary Examination Report, issued in
International Application No. PCT /EP00/05877 written
in the German language;

The attached translation is a true and correct English
version of such original, to the best of my knowledge and belief.

I further declare that all statements made herein on my
own knowledge are true and that all statements made on the
information and belief are believed to be true; and further that
these statements were made with the knowledge that willful false
statements and the like so made are punishable by fine or
imprisonment, or both under Section 1001 of Title 18 of the
United States Code and that such willful false statements may
jeopardize the validity of the application or any registration
resulting therefrom.

Alexander Zinchuk

Alexander Zinchuk

Dated: January 11, 2002